Philips
Clean air system

AC4062

Fresh air at home - Always

with 6-stage CleanAir system

Fresh air

- 6-stage Clean air system for clean and fresh air
- 3-stage Electro-clean system charges and traps all particles
- Active oxygen sterilizes pollutants and rejuvenuates filter
- 2-stage Fresh air system removes gases and odours

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Highlights

6-stage Clean air system

The advanced and innovative 6-stage Clean air system removes and sterilizes even the finest particles and a wide spectrum of gases and odours. * The 3-stage Electro-clean filtration system efficiently removes particles * The 2-stage FreshAir filtration system removes gases and odours * The active oxygen sterilizes trapped particles and constantly rejuvenates the zeolite filter, ensuring longlasting superiour performance.

3-stage Electro-clean system

The 3-stage Electro-clean filtration system works three ways. * First, the pre-filter blocks larger particles, such as hairs, animal dander and house dust allergens. * Second, the finer particles that have passed through the pre-filter, including bacteria and viruses, are charged by the Corona field charger. * Third, the Electro-Static Precipitation (ESP) filter attracts these charges particles to its surface and keeps them safely trapped.

Active oxygen

The active oxygen, which is generated by the Corona Field Charger, sterilizes harmful germs such as bacteria and viruses that are trapped in the Electro-Static Precipitation (ESP) filter. It then passes through the zeolite filter, where it oxidizes the trapped gases, rendering them harmless. Thanks to this process, the zeolite filter is constantly rejuvenated and its life can be extended over many years.

2-stage Fresh air filtration

The 2-stage Fresh air filtration system uses advanced Nano-Confined Catalytic Oxidization (NCCO) technology. Firstly, the hi-grade zeolite filter traps a wide spectrum of gases and odours and subsequently uses the active oxygen that passes through to neutralize them, constantly rejuvenating the filter. Compared to the traditional activated carbon filter, this hi-grade zeolite filter performs more stably in different humidity conditions, and because it is rejuvenated by the active oxygen, it can last a much longer life of upto five years.

Specifications

Design specifications
- Product dimensions (W x D x H): 481 x 220 x 490 mm
- Product weight: 7.9 kg

Replacement
- ESP particle filter: AC4106
- Zeolite gas filter: AC4116

Interactivity
- Frequency: 50/ 60 Hz
- Voltage: 220-240 V
- Cord length: 1.8 m
- Noise level: < 47 (JIS compliance) dB
- Effective area: up to 40 m²
- Operating relative humidity: 20 - 90 %
- Power consumption: 65 (at 220-240V, hi speed) W

Performance
- CADR: > 128 ft³/min
- Gas removal efficiency: > 99 (run at hi speed over 3 mins inside 1m3 box) %
- Particle removal efficiency: > 99 (particle size at 0.02 - 10 µm) %

Finishing
- Color - air outlet mesh/ control panel: christal silver
- Color - control button: silver blue
- Color - front cover/ air inlet mesh: christal silver
- Color - rear housing: translucent algiers blue

Key specifications
- Operating temperature: 5 - 40 °C

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